- 47 -

ABSTRACT

The invention relates to a structured surface with ultrphobic properties. Said surface as a surface topography in which the value of the integral of a function S: $S(\log f) = a(f) \cdot f$, which gives a relationship between the spatial frequencies f of the individual Fourier components and their amplitudes $a(f)$ is at least 0.5 between the integration limits $\log (f_1/\mu m^{-1}) = -3$ and $\log (f_2/\mu m^{-1}) = 3$. The surface consists of a hydrophobic or oleophobic material or is coated with a hydrophobic or oleophobic material.